

Title (en)

System and method for validating hierarchically-organized messages

Title (de)

System und Verfahren zur Validation hierarchisch organisierter Nachrichten

Title (fr)

Système et procédé de validation de messages organisés en manier hiérarchique

Publication

EP 1513073 B1 20120613 (EN)

Application

EP 04016753 A 20040715

Priority

US 64303103 A 20030818

Abstract (en)

[origin: EP1513073A2] A mechanism for validating a message, such as an XML message or other hierarchically-organized content. A validation engine walks through the tree represented by the message preferably in depth-first traversal order. Upon encountering each node in the tree, the validation engine consults a validation table to identify a delegate that is to be invoked. The validation engine then invokes the delegate identified for that node, and calls itself recursively on the subtrees of the current node. After the subtrees have been processed, the validation engine again consults the validation table to identify a post-handler for the current node, and then invokes the post-handler. An entry in the validation table may be flagged as "exclusive" to prevent traversal of subtrees of the node corresponding to that entry. Additionally, there may be both global and local validation tables, where the global table is used when a node has no entry in the local table.

IPC 8 full level

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CPC (source: EP KR US)

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DOCDB simple family (publication)

EP 1513073 A2 20050309; **EP 1513073 A3 20080109**; **EP 1513073 B1 20120613**; CN 100444160 C 20081217; CN 1584885 A 20050223; JP 2005063416 A 20050310; JP 4758080 B2 20110824; KR 20050020932 A 20050304; US 2005044093 A1 20050224; US 7464331 B2 20081209

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